

ASIA VCT 2021 POSTER SESSION - JULY 20, 21,22

Code	Presenter	Title	Country	Medium
AS-P.1-01	Rathor Bhagwan Singh	Effect of Annealing on the Thermoelectric properties of ZnTe thin films	India	twitter
AS-P.1-02		withdrawn		
AS-P.1-03	Inamul Haq Wani	Thermoelectric properties of Co-based Co ₂ CrZ(Z=Al,In,Ga) Full-Heusler compounds	India	twitter
AS-P.1-04	Saxena, Monika	Enhanced Seebeck coefficient of self-assembled tellurium nanostructures synthesized by polyol method	India	twitter
AS-P.1-05	Jana, Subhra Sourav	Nb and La doped SrTiO ₃ oxides and nanocomposites for high temperature thermoelectric power generation	India	twitter
AS-P.1-06	Suhasini S	Highly efficient wearable thermoelectric pn-junction device based on bismuth telluride (Bi ₂ Te ₃) fabricated by screen printing technique	India	twitter
AS-P.1-07	Solanki Parth	Optimal Pellet Geometries for Thermoelectric Module Assisted Self-Heat Recuperators	India	twitter
AS-P.1-08	Abematsu, Yutaro	Fabrication of Fluid-permeable Thermoelectric Conversion Devices Using Porous Si	Japan	twitter
AS-P.1-09	Sumi, Shunsuke	Fabrication of β -FeSi ₂ with low energy consumption via ball milling process	Japan	twitter
AS-P.1-10	Kansaku, Daiki	Output Power Characterization of Flexible Thermoelectric Power Generators	Japan	twitter
AS-P.1-11	Kawamura, Naoki	Electromotive force of Si thermoelectric power generator connected with piezoelectric device	Japan	twitter
AS-P.1-12	Norimasa, Oga	Improvement of thermoelectric performance of electrodeposited Bi ₂ Te ₃ thin film using seed crystal layer	Japan	twitter
AS-P.1-13	Chiba, Tomoyuki	Improvement of thermoelectric performance by nanocomposites of highly purified SWCNTs using ultracentrifugation method and Bi ₂ Te ₃ nanoplatelets.	Japan	twitter
AS-P.1-14	Chowdhury, Mohammad Mahir Asef	Automatic extraction of text data of synthesis process for papers on bulk thermoelectric materials	Japan	twitter
AS-P.1-15	Yumeng, Mei	Thermoelectric material based on half-heusler alloy	Japan	twitter
AS-P.1-16	Muchtar, Ahmad Rifqi	Lattice softening driven mid-temperature range thermoelectrics of Ti/Zr/Mn-inserted SnTe	Japan	twitter
AS-P.1-17	Nguyen, Vu Binh	Effect of Ce and Yb double-filler on thermoelectric properties of n-type CexYb0.2-xCo4Sb12 skutterudite compounds	Korea	twitter
AS-P.1-18	Jang, Hanhwi	AgBiSnSe ₃ as Novel Cubic p-Type Semiconductor for Room Temperature Thermoelectrics	Korea	twitter
AS-P.1-19	Lim, Jong-Chan	Impact of Fermi Surface Shape Engineering on Calculated Electronic Transport Properties of Bi-Sb-Te	Korea	twitter
AS-P.1-20	Frimpong, Brakowaa	Suppression of Bipolar conductivity by Sb and Bi doping in InTe by structural distortion induced band gap.	Korea	twitter
AS-P.1-21	Nguyen, Van Du	Thermoelectric properties of Co-substituted single-filled Nd _{0.9} Fe _{4-x} CoxSb _{12.2} skutterudites	Korea	twitter
AS-P.1-22	Hwang, Chulhyun	Effect of Applying Thermoelectric System to EV Thermal Management System	Korea	twitter
AS-P.1-23	AL-Harbi, Talal	Design and Analysis of Waste Heat Recovery System from Residential Air Conditioners Using Thermoelectric Generators	Saudi Arabia	twitter
AS-P.1-24	Hariy, Abdullah	Design of a Wearable Thermoelectric Generator to Power Low-Power Electronic Devices	Saudi Arabia	twitter
AS-P.1-25	Hira, Uzma	Thermoelectric Properties of Bi-doped Ba ₂ CoRuO ₆ Double Perovskite Oxides for Efficient Energy Harvesting	Pakistan	twitter
AS-P.1-26	Vaskuri chandra sekhar theja	Enhancement of thermoelectric figure-of-merit of Cu ₃ SbS ₄ by InSb nano-inclusions.	China	wechat
AS-P.1-27	Xinyu, Mao	Rational iodine-doping and carbon-nanotubes-alloying induce high thermoelectric performance in n-type polycrystalline SnSe	China	wechat
AS-P.1-28	Wei, Sun	Thermoelectric coolers for the heat management of chips : progress and challenges	China	wechat
AS-P.1-29	Lei, Li	Wearable thermoelectric materials and devices as personal thermal management	China	wechat
AS-P.1-30	Dezhuang, Wang	Se-alloying reducing lattice thermal conductivity of Ge _{0.95} Bi _{0.05} Te	China	wechat
AS-P.1-31	Jing, Yuan	Improving the thermoelectric performance of PEDOT: PSS/Bi ₂ Te ₃ fibers	China	wechat
AS-P.1-32	Zhe Liu	Thermal pump in time-modulated materials	China	wechat